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Benefits of Interprofessional Communication in Simulation Education for Staff Nurses: An Integrative Literature Review

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Background

- Communication was the third most frequently identified root cause for sentinel events in 2014 and 2015
- It is estimated that a hospital can go through more than 4,000 handoffs everyday with nurses being involved in the majority of them

Problem Statement

- With communication being a root issue in medical errors, there is a growing need for simulation education on communication for staff nurses. Studies have shown a lack in nursing education towards communication skills for staff nurses.

Research Question

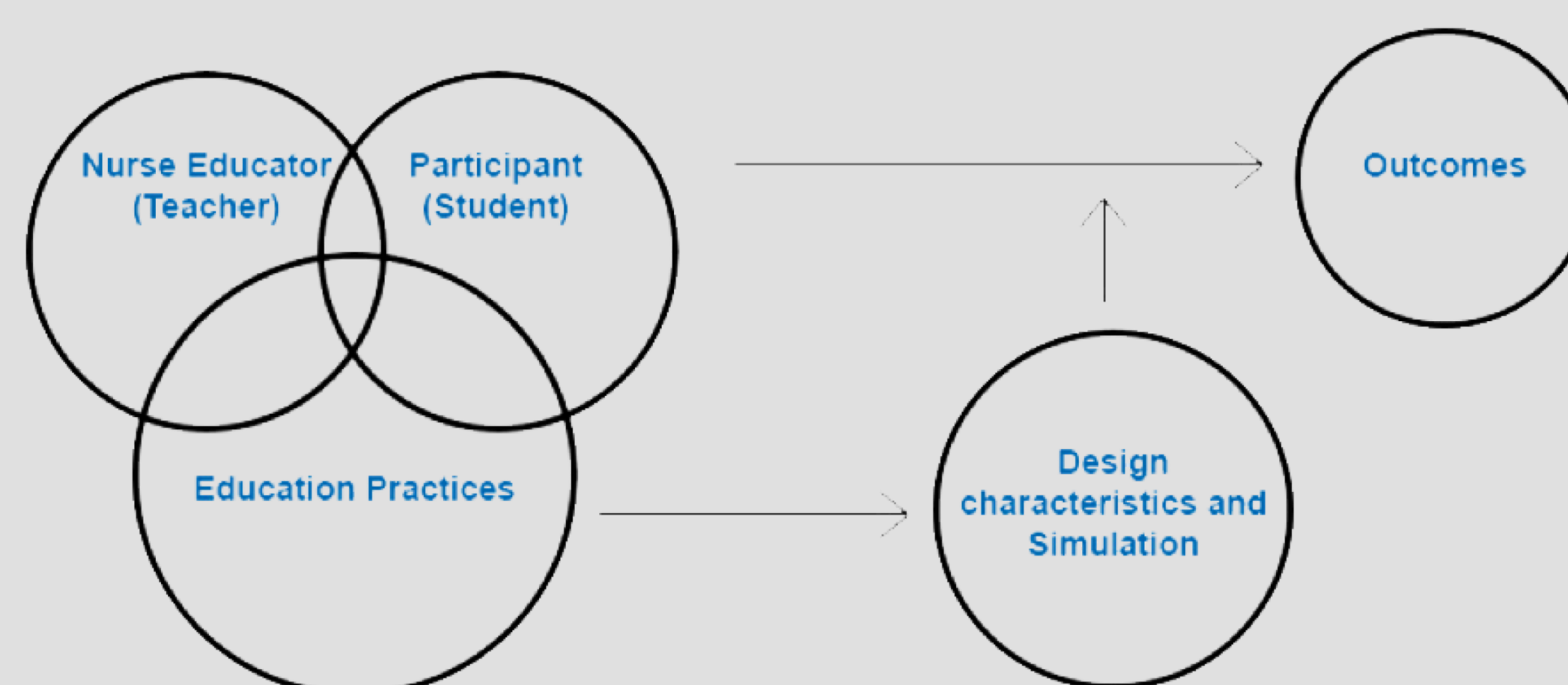
- What are the benefits of interprofessional communication education through simulation for staff nurses?

Methods & Materials

- A integrative literature review was conducted using the search databases: Cumulative Index to Nursing and Allied Health Literature (CINAHL), PsycInfo and PubMed
- The keywords were a combination of: simulation, models anatomic, manikins, mannequins, high fidelity, standardize patient, communication skills, nursing, nurses, inter-professional, interprofessional, interdisciplinary, interdisciplinary

Conceptual Framework

The Simulation framework by Pamela Jeffries was selected for this integrative literature review.



Results

Four major benefits from simulation education were identified through the 8 articles reviewed.

High Knowledge Retention

- One study conducted pre and post assessments for knowledge retention. the data showed statistically significance with mean scores of 95.68 (SD=6.22) post test compared to baseline scores of 82.41 (SD=13. 38) pre test.

Enhanced Self-Confidence

- Another study, a participant noted the simulation “increases [my] confidence to handle similar situations.”

Increased Satisfaction

- Research has shown learning satisfaction has shown as a significant positive influence on continuing education intention.

Results continued...

Dynamic Form of Education

- Realism, improvisation, and end debrief were aspects of the simulation training the learners positively emphasized in their surveys

Conclusion

- This literature review has shown the possible benefits of simulation education which include enhanced self-confidence, increased satisfaction, high knowledge retention, and dynamic form of education.
- The research data obtain has shown positive outcomes through simulated trainings

Direction for Future Study

- Future studies comparing didactic versus simulation particular to communication may provide different evidence